



Dell XPS 13 9350 Motherboard Replacement

This guide will explain how to replace the motherboard in the Dell XPS 13 9350.

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INTRODUCTION

Use this guide to replace the motherboard in the Dell XPS 13 9350.

TOOLS:

- [Tweezers](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Back Cover



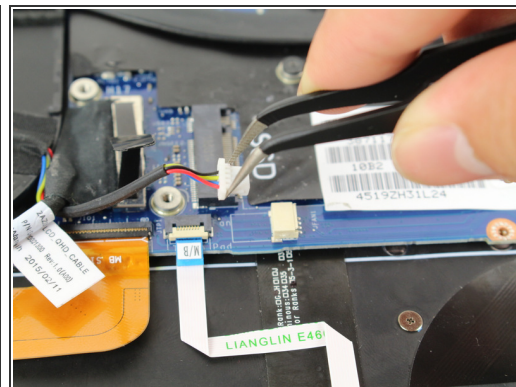
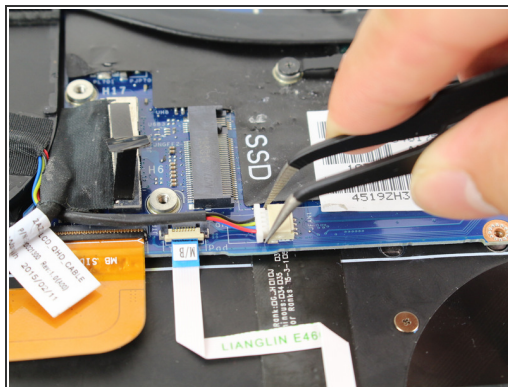
- Remove the eight 4 mm T5 Torx screws from the bottom cover.

Step 2



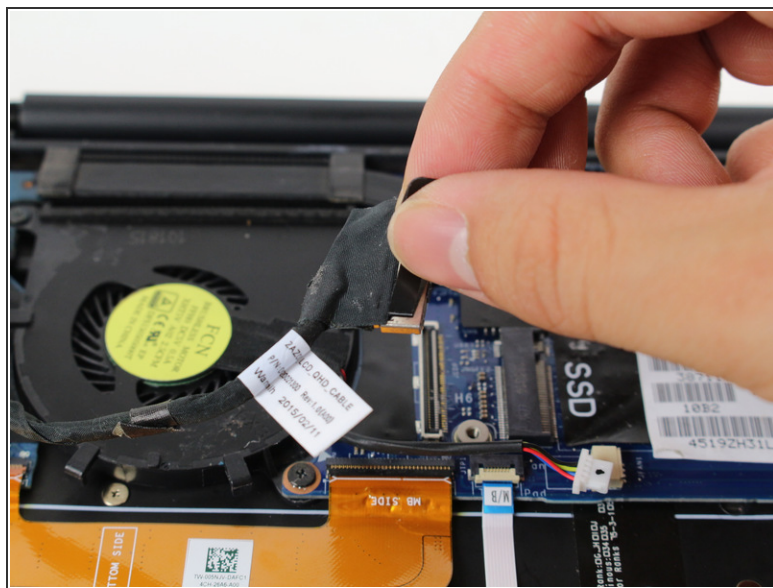
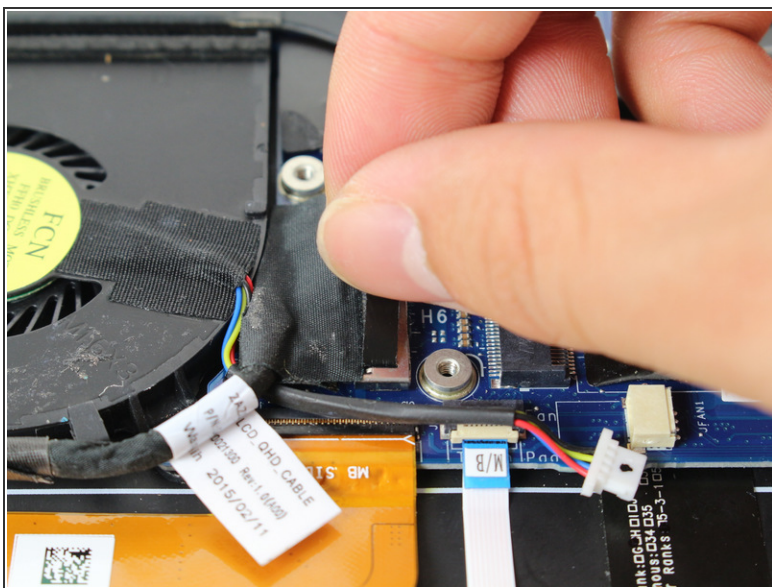
- Lift up the back cover using both hands.

Step 3 — Fan



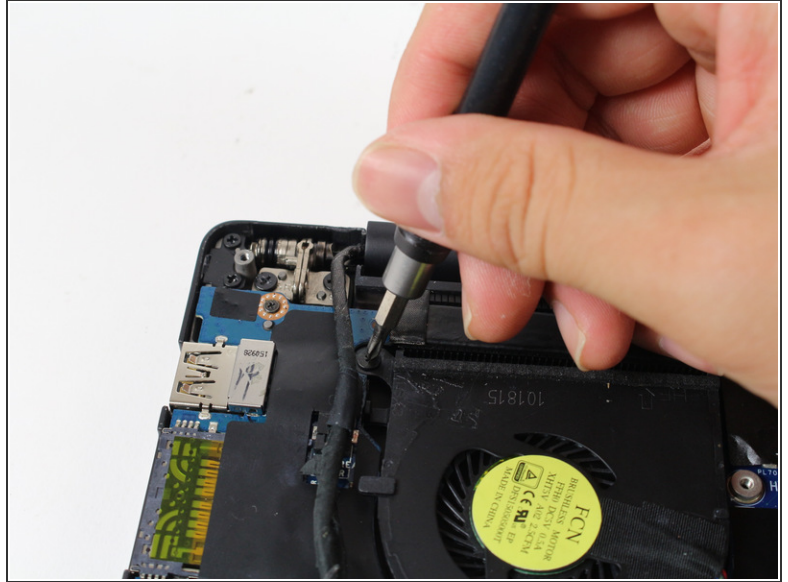
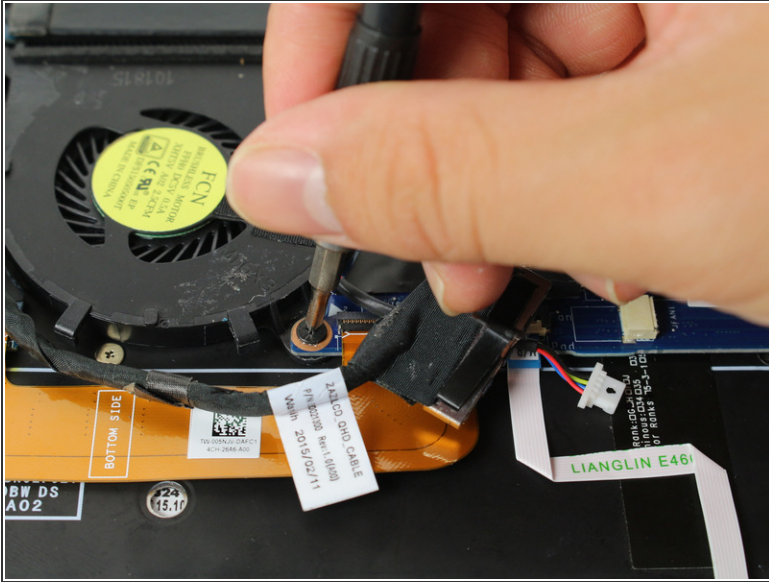
- Use tweezers to remove the little white connector by pulling it out and away from its socket.

Step 4



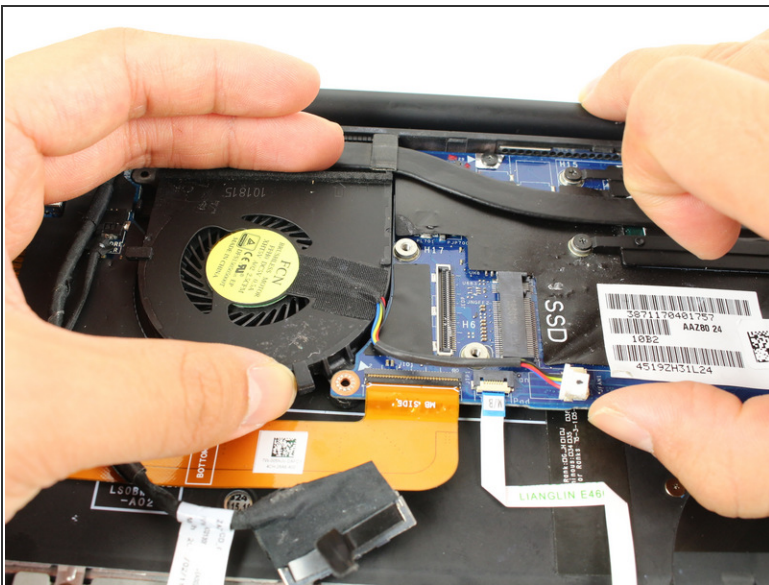
- Remove the black standard flat connector by lifting the tab up with your hand.

Step 5



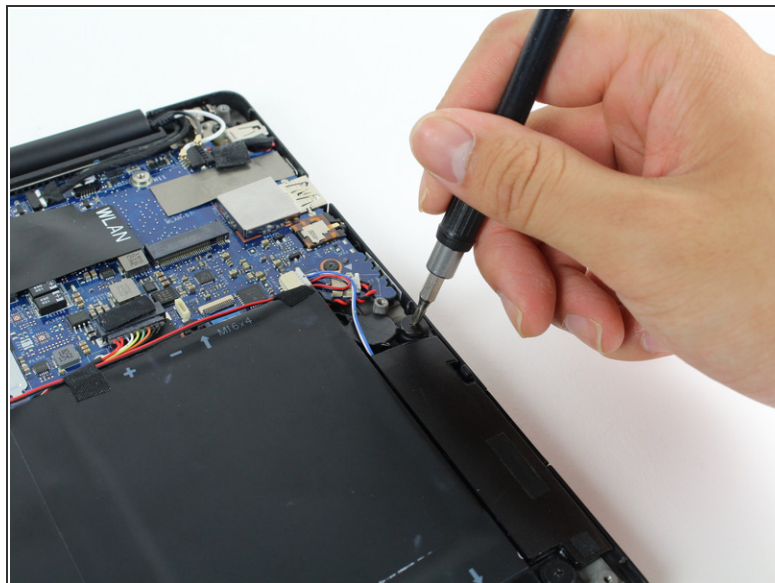
- Remove the 4 mm Phillips #0 screw that connects the fan to the motherboard.
- Remove the 4 mm Phillips #0 screw that connects the fan to the base of the computer.

Step 6



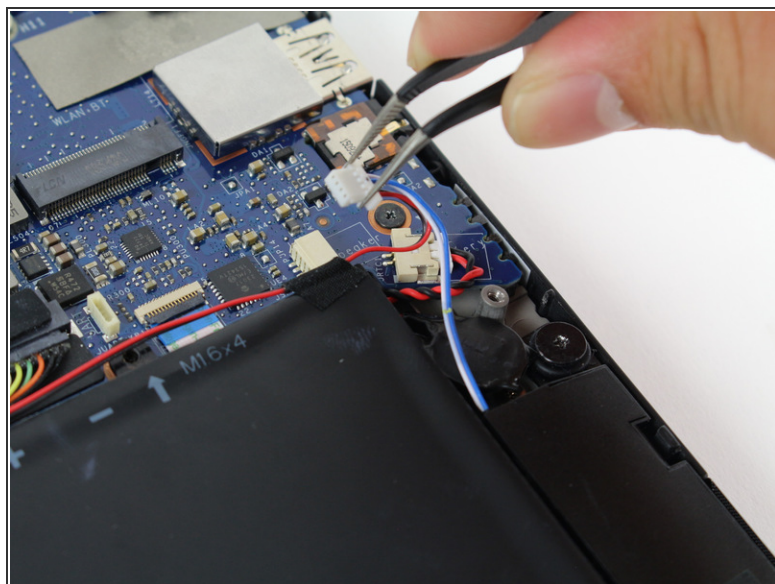
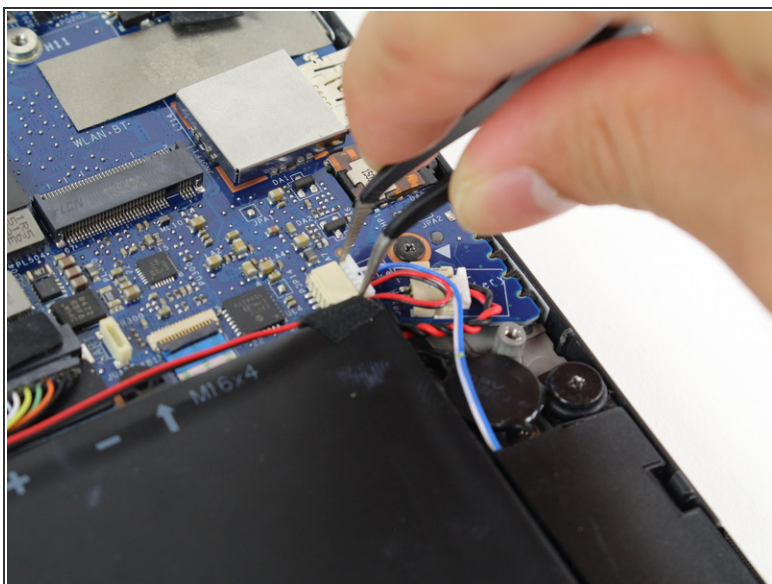
- Use your right hand to lift up the larger section of the motherboard, closest to the fan.
- Use your left hand to pull the fan at a 30-degree angle out from underneath the motherboard.

Step 7 — Battery



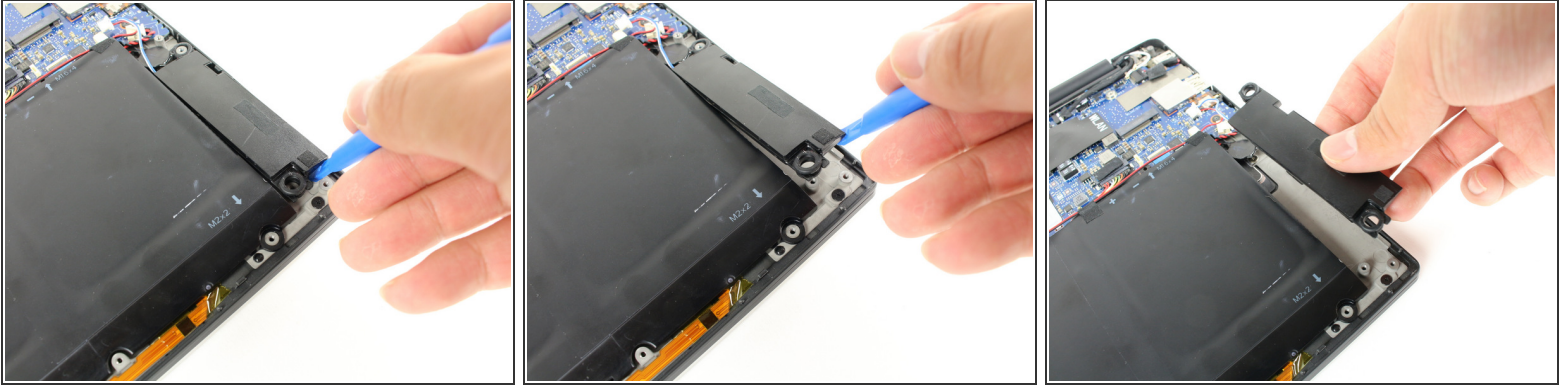
- Remove the four 3 mm Phillips #0 screws located on each corner of the battery.

Step 8



- Use tweezers to remove the white connector from its socket by pulling it to the right.

Step 9



- Place a plastic opening tool underneath one side of the speaker and lift up.
- ❗ There are speakers located to the left and to the right of the battery.
- Use your hand to lift up the speaker.

Step 10



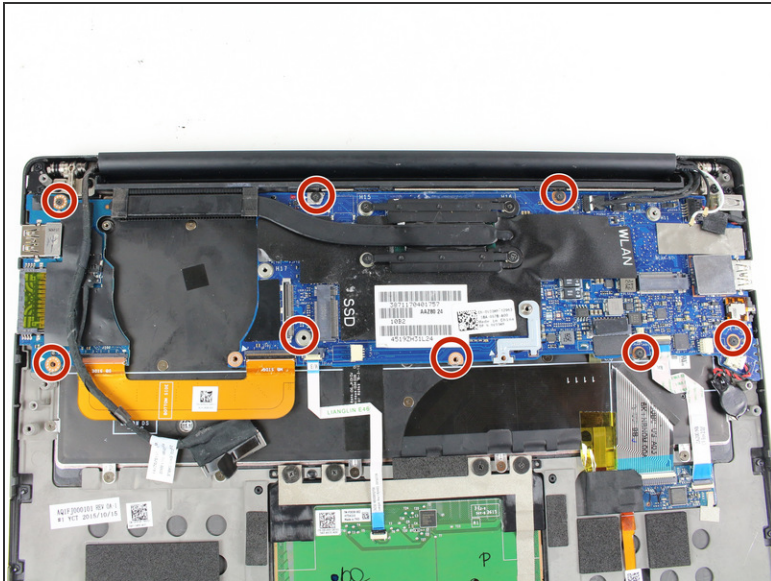
- Use tweezers to detach the rainbow cable connector from its socket by pulling it towards the battery.

Step 11



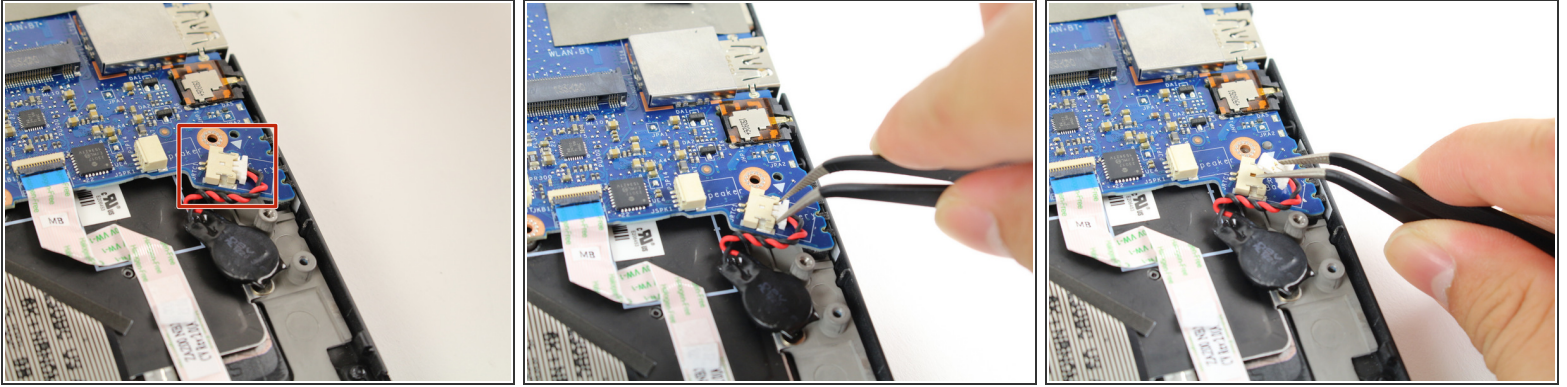
- Use your hands to gently lift up the battery.

Step 12 — Motherboard



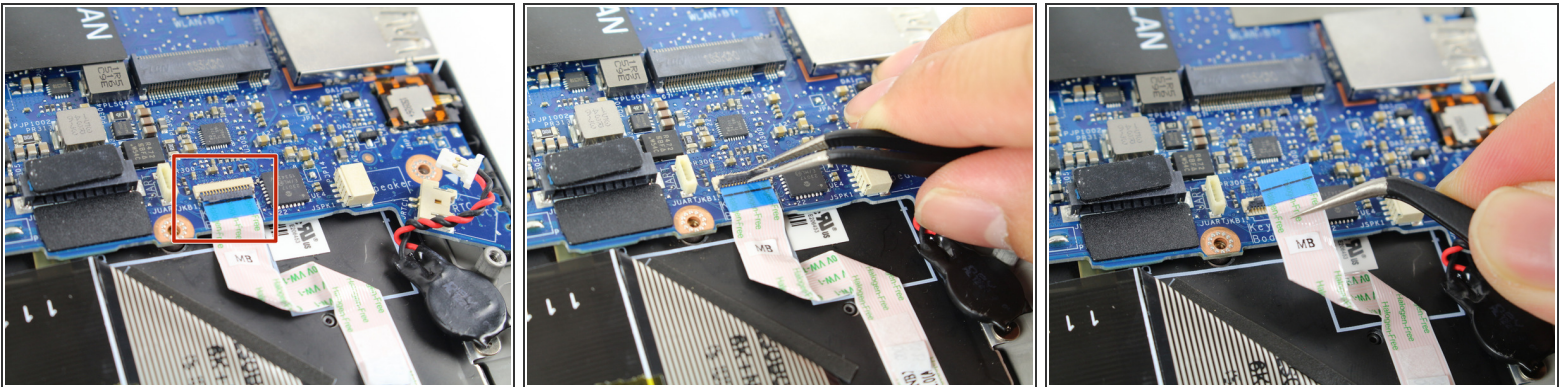
- Remove the eight 4 mm Phillips #0 screws from the motherboard.

Step 13



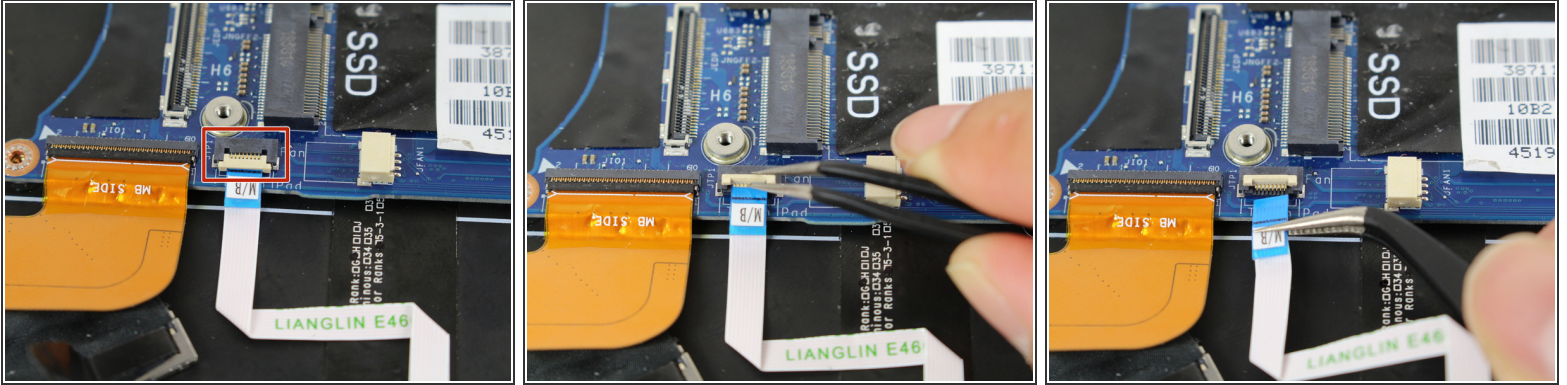
- Locate the red and black cable connector at the bottom right of the motherboard.
- Use tweezers to slowly detach the cable connector from its socket by pulling it to the right and up.

Step 14



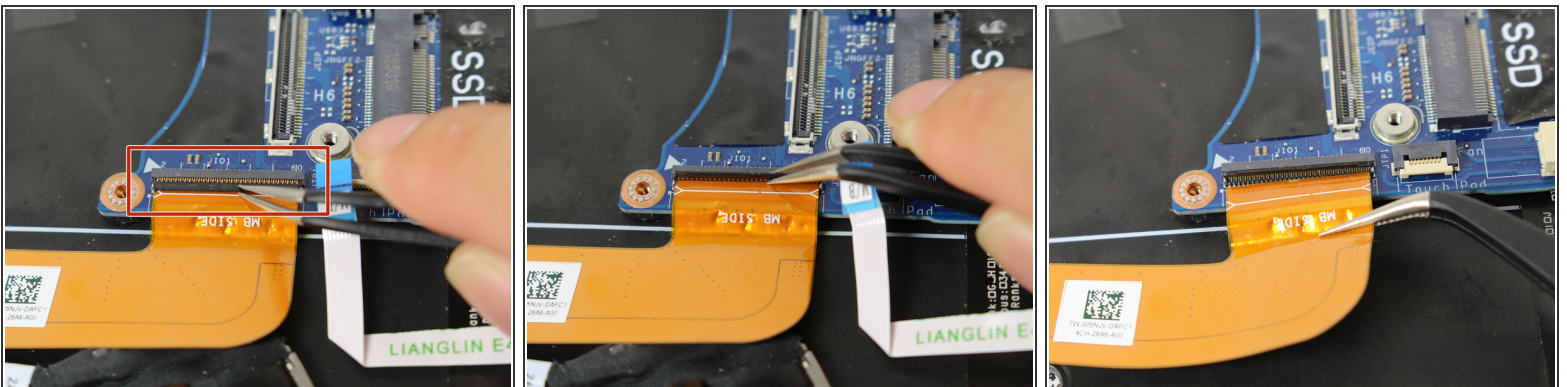
- Use tweezers to flip open the Zero Insertion Force (ZIF) connector.
- Use tweezers to detach the ribbon cable from the ZIF by pulling it towards yourself.

Step 15



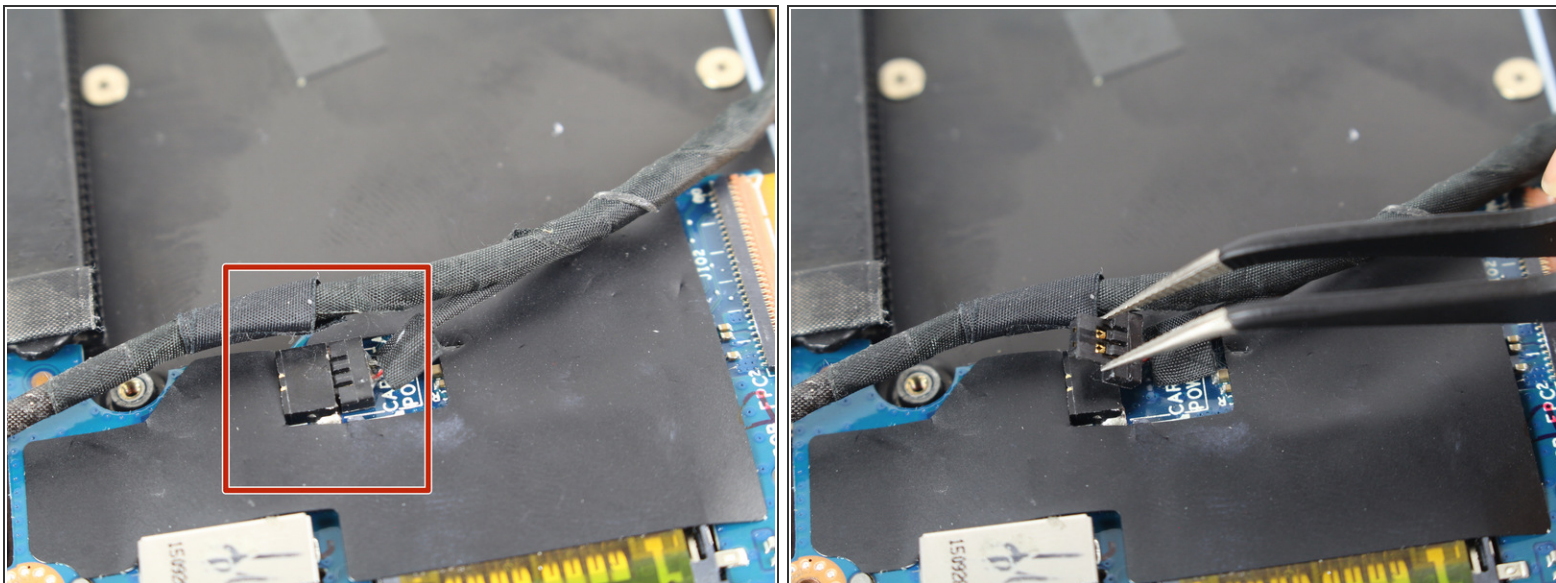
- Use tweezers to flip open the white ZIF connector.
- Use tweezers to detach the ribbon connector from the ZIF by pulling it towards yourself.

Step 16



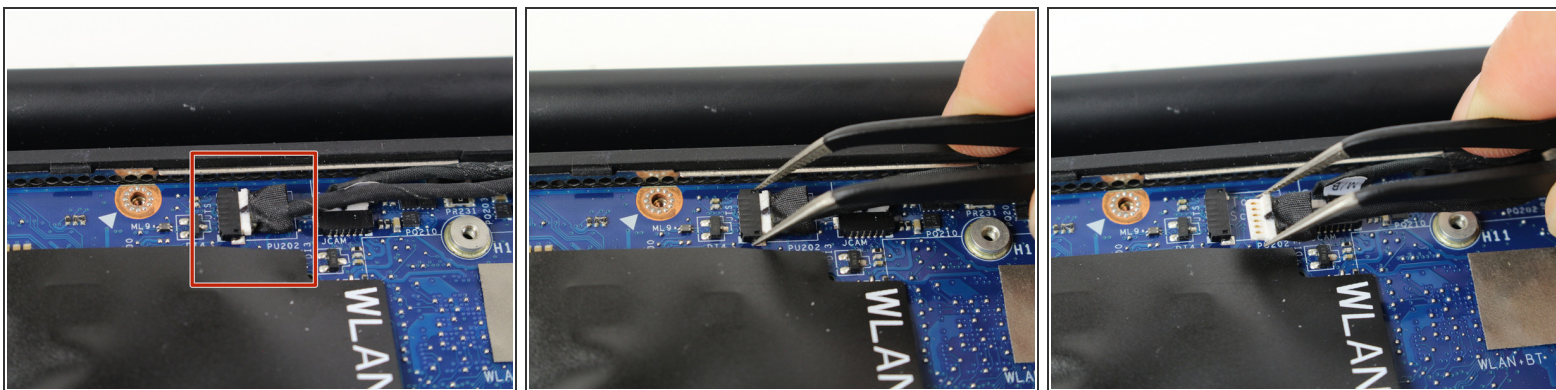
- Use tweezers to flip open the ZIF connector.
- Use tweezers to detach the orange ribbon connector from the ZIF by pulling it towards yourself.

Step 17



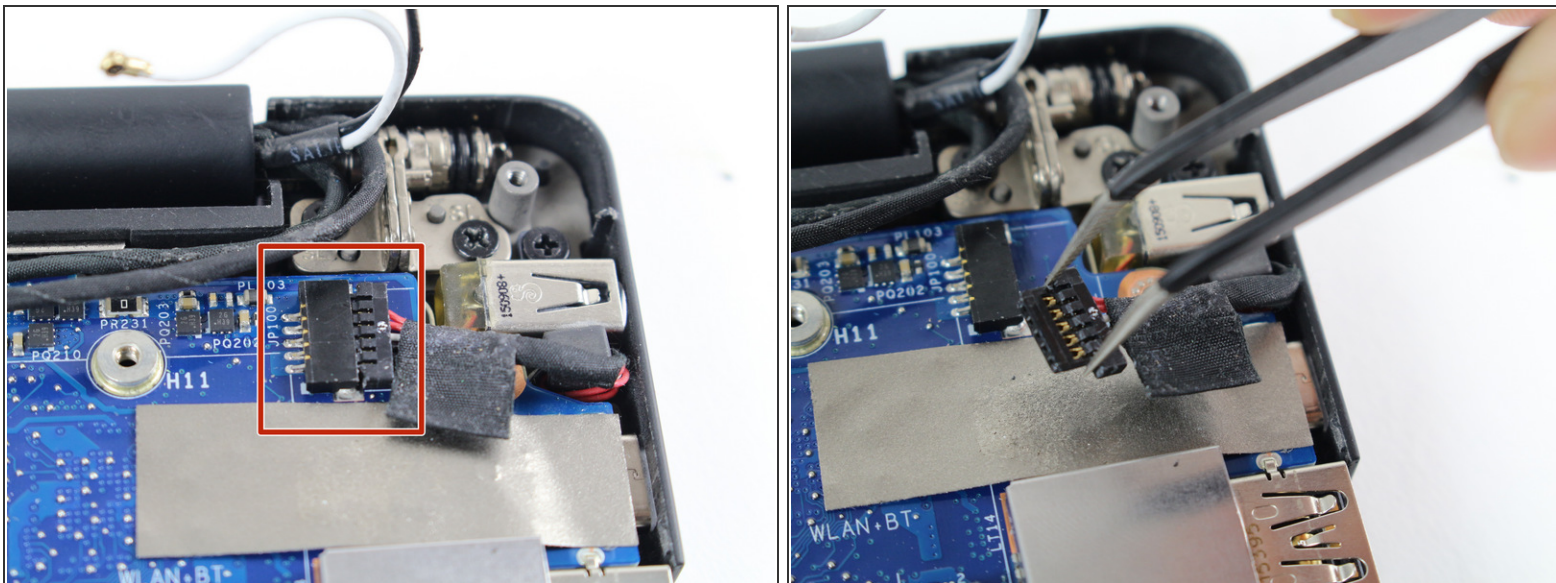
- Use tweezers to detach the black cable connector out of its socket by pulling it to the right.

Step 18



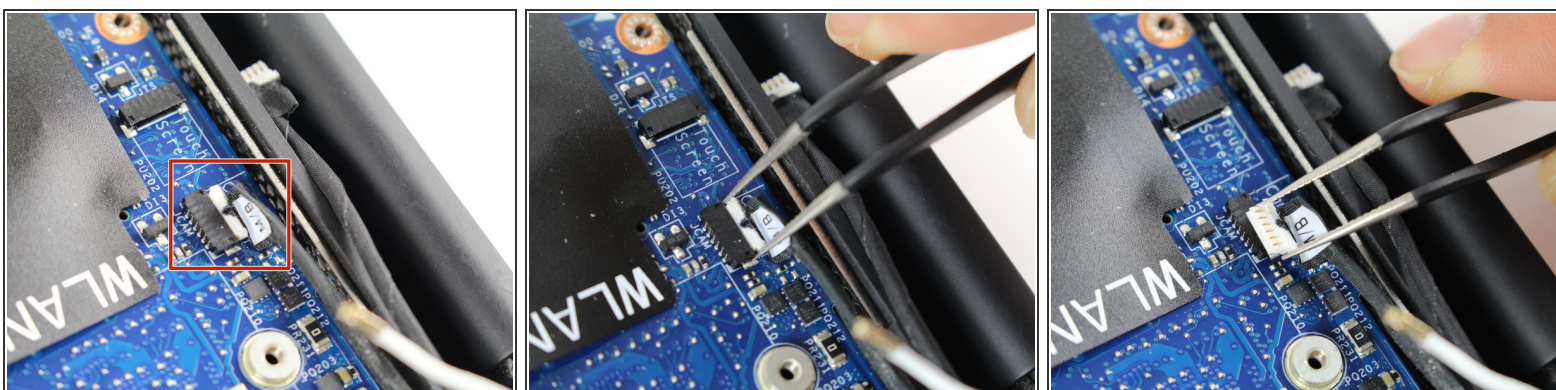
- Use tweezers to gently detach the black and white cable connector out of its socket by pulling it to the right.

Step 19



- Locate the connector at the top right of the motherboard.
- Use tweezers to detach the cable connector from its socket by pulling it to the right.

Step 20



- Locate the last black cable connector.
- Use tweezers to detach the black cable connector from its socket by pulling it to the right.

Step 21



- Use your hands to lift up the motherboard.

To reassemble your device, follow these instructions in reverse order.

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